AMENDMENTS TO THE CLAIMS

1-9 (Cancelled).

10. (New): A method of fabricating an optical film, comprising:

adding an additive into a cholesteric liquid crystal material;

forming an alignment layer on a substrate;

rubbing the alignment layer;

applying the cholesteric liquid crystal material having the additive on the rubbed alignment layer to form a cholesteric liquid crystal layer;

curing the cholesteric liquid crystal layer so as to diffuse the additive on a surface of the cholesteric liquid crystal layer; and

removing the additive from the surface of the cholesteric liquid crystal layer;

wherein the additive has both a hydrophobic group and a hydrophilic group.

11. (New): The method according to claim 10, wherein applying the cholesteric liquid crystal material includes one of spin coating, knife coating, bar coating and gravure coating.

12. (New): The method according claim 10, wherein light reflected on the cholesteric liquid crystal layer having the additive has a band width of 60 to 80 nm around a 540 nm wavelength peak and around a 640 nm wavelength peak.

13. (New): The method according to claim 10, wherein the reflectivity of the cholesteric liquid crystal layer having the additive ranges from 80 % to 90 %.

14. (New): The method according to claim 10, wherein curing the cholesteric liquid crystal layer includes applying one of ultraviolet rays and heat.

15. (New): The method according to claim 10, wherein the additive is a surfactant.

16. (New): The method according to claim 10, wherein the additive includes dimethysiloxane.